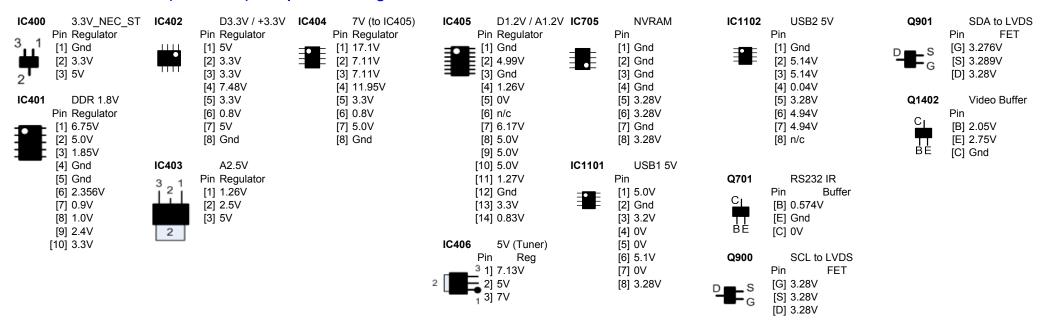
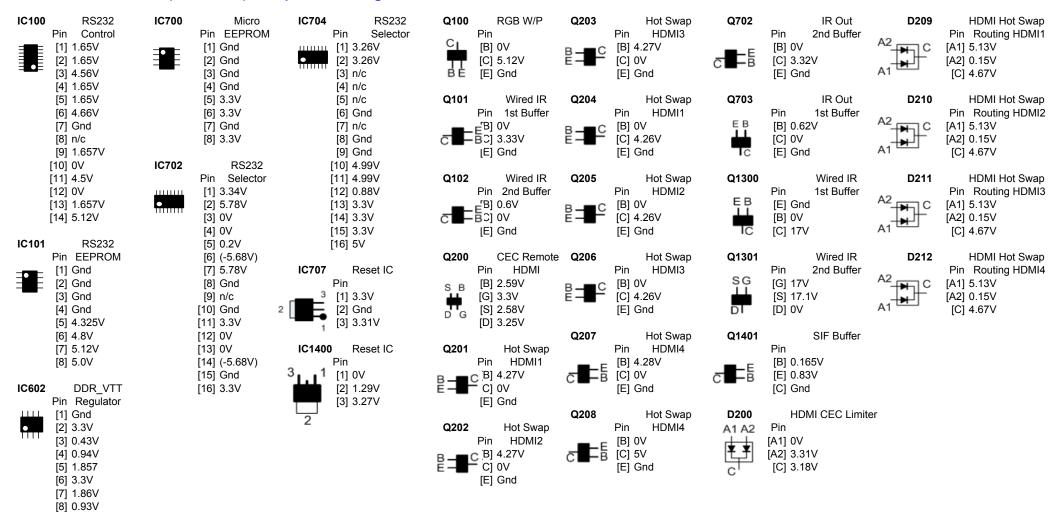


50PK750 Main Board (Front Side) Component Voltages



50PK750 Main Board (Back Side) Component Voltages



50PK750 LVDS P1 WAVEFORMS

Control	Main
1	51
2	50
3	49
4	48
5	47
6	46
7	45
8	44
9	43
10	42
11	41
12	40
13	39
14	38
15	37
16	36
17	35
18	34
19	33
20	32
21	31
22	30
23	29
24	28
25	27
26	26
27	25
28	24
29	23
30	22
31	21
32	20
33	19
34	18
35	17
36	16
37	15
38	14
39	13
40	12

NOTE: LVDS P31 Information

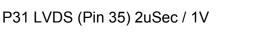
There are actually 20 pins carrying Video 4 pins are carrying clock signals to the Control board. With 1080P, pins 35 and 36 would have signals present.

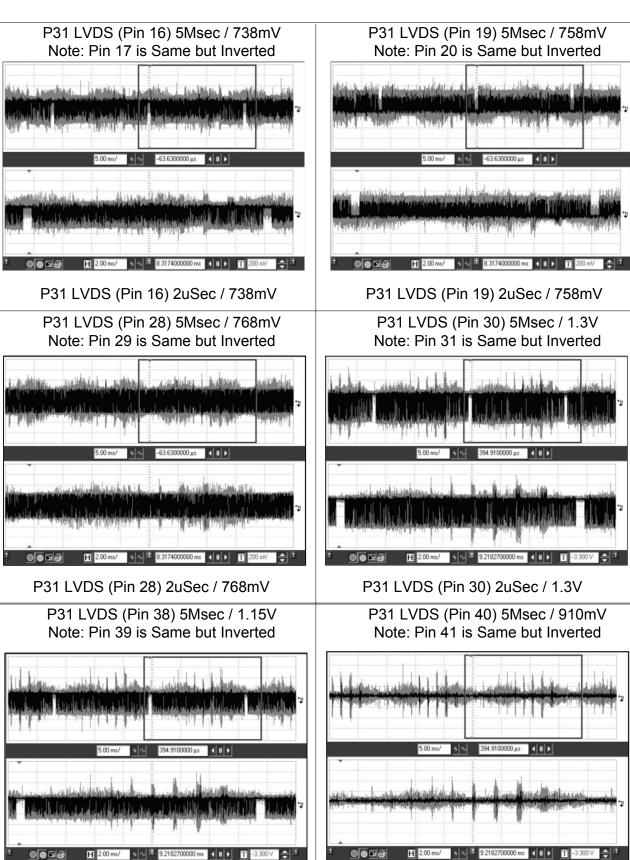
WAVEFORMS:

Waveforms taken using 1080P SMTP Color Bar input. All readings give their Time Base related to scope settings.

P31 LVDS (Pin 32) 2uSec / 1.12V







P31 LVDS (Pin 41) 2uSec / 910mV

P31 LVDS (Pin 38) 2uSec / 1.15V